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THAT WHICH IS CLAIMED IS:

1. In a vehicle washing system having washing, rinsing and waxing functions, the improvement comprising:

- a) a coating application apparatus constructed and arranged to apply a coating formulation onto a vehicle; and
- b) a water sheet application apparatus constructed and arranged to apply a continuous sheet of water onto the coating applied to the vehicle to thereby create a coating solution and to evenly disperse the coating formulation on the vehicle.

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- 2. The vehicle washing system of Claim 1, wherein said water sheet application apparatus further includes a chemical injection device to inject a carnauba wax emulsion into said water supply.
- The vehicle washing system of Claim 1, wherein said water sheet application apparatus includes a tank structure, a water supply and a weir attached to said tank structure, said weir being disposed at a predetermined angle.
- 4. The vehicle washing system of Claim 3, wherein said water sheet application apparatus further includes a water heater for providing to said tank structure water heated to a range of approximately 100-150 °F (38-66 °C).
 - 5. The vehicle washing system of Claim 4, wherein said weir is disposed at angle range between 15 and 20° with respect to a horizontal plane and wherein

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said water sheet application apparatus dispenses between 5 to 15 gallons (18.9-56.8 liters) of water per application.

- The vehicle washing system of Claim 5, wherein said water sheet application
 apparatus further includes a chemical injection device to inject a surfactant, a
 dye and an optical brightening agent into said water supply.
 - 7. The vehicle washing system of **Claim 1**, wherein said coating application apparatus has a surface reactive silicone spray dispenser.

8. The vehicle washing system of **Claim 1**, wherein said tank has opposing sides and wherein a water inlet is disposed in each said side.

- 9. The vehicle washing system of Claim 8, wherein a pipe extends between said opposing sides within said tank and wherein said pipe has a plurality of slots spaced in the bottom thereof.
 - 10. The vehicle washing system of Claim 9, wherein said tank has a trapezoidal cross-sectional configuration.
 - 11. A process for applying a coating on a vehicle comprising:
 - a) applying a liquid coating formulation onto a vehicle; and
 - b) applying a heated waterfall over the liquid coating formulation applied to the vehicle.

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12. The process of Claim 11, further comprising injecting a carnauba wax emulsion into said heated waterfall.

- 13. The process of Claim 12, wherein said liquid coating formulation is a surface reactive silicone formulation and wherein said liquid coating formulation is sprayed onto the vehicle and further comprising injecting a dye into said heated waterfall.
- 14. The process of Claim 11, wherein said liquid coating formulation is heated and wherein said heated waterfall is applied at a temperature between approximately 100 and 150 °F (38-66 °C).
 - 15. The process of Claim 11, further comprising washing, rinsing and drying the vehicle.

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- 16. A vehicle washing system having a plurality of stations comprising:
 - a) a liquid formulation dispensing station; and
 - b) a waterfall dispensing station constructed and arranged to dump a generally continuous sheet of water onto a vehicle.

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17. The vehicle washing system of Claim 16, wherein said liquid formulation dispensing station is in communication with a detergent source.